# A randomised controlled trial to evaluate the effectiveness of a pharmacist's telephone reminders in reducing mortality in patients receiving polypharmacy

Submission date	Recruitment status No longer recruiting	<ul><li>Prospectively registered</li></ul>	
05/10/2004		☐ Protocol	
Registration date 15/02/2005	Overall study status Completed	Statistical analysis plan	
		[X] Results	
Last Edited	Condition category	[] Individual participant data	
18/02/2008	Other		

## Plain English summary of protocol

Not provided at time of registration

# **Contact information**

# Type(s)

Scientific

#### Contact name

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# Additional identifiers

## Protocol serial number

HSRC/HCPF226103

# Study information

#### Scientific Title

#### **Study objectives**

To investigate the effects of compliance and periodic telephone counselling by a pharmacist on mortality in patients receiving polypharmacy.

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Added as of 22/10/2007:

Ethics approval received from the Chinese University of Hong Kong clinical research ethics committee.

#### Study design

Randomised controlled trial

#### Primary study design

Interventional

#### Study type(s)

Treatment

## Health condition(s) or problem(s) studied

Compliance to polypharmacy

#### **Interventions**

Patients randomised to the intervention group received a 10 - 15 minute telephone call from the pharmacist for education and counselling between clinic visits for 2 years. Patients in the control group did not receive any telephone reminders.

## Intervention Type

Other

#### Phase

**Not Specified** 

#### Primary outcome(s)

Time from randomisation to death from any cause.

# Key secondary outcome(s))

- 1. Changes in the rate of admission to hospital
- 2. Number of emergency room visits
- 3. Hospital stay in the two years before and after the screening visit
- 4. Changes in compliance

#### Completion date

# **Eligibility**

#### Key inclusion criteria

Patients receiving polypharmacy defined as five or more chronic medications who were found to be non-compliant upon first assessment by pharmacist

#### Participant type(s)

**Patient** 

#### Healthy volunteers allowed

No

#### Age group

Adult

#### Sex

All

#### Key exclusion criteria

- 1. Speak non-Cantonese dialects or a different language
- 2. Conditions that prevented effective communication (for example, patients who are deaf, mute, or have dementia or other psychological disorders)
- 3. Live in nursing homes with supervised treatment

#### Date of first enrolment

01/10/1998

#### Date of final enrolment

01/06/1999

# Locations

#### Countries of recruitment

Hong Kong

# Study participating centre Dept of Medicine and Therapeutics

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Hong Kong

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# Sponsor information

### Organisation

Hong Kong Health Services Research Fund (Hong Kong)

#### **ROR**

https://ror.org/03qh32912

# Funder(s)

### Funder type

Government

#### **Funder Name**

Hong Kong SAR Government Health Services Research Committee (Hong Kong)

# **Results and Publications**

Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration

## **Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Results	09/09/2006		Yes	No